

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2642	(502/304;502/308;502/326;502/347).ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/17 10:41
S2	2571	((ceria WITH zirconia) OR (ceria WITH praseodymia)) AND ((Ru OR ruthenium) AND (Ir OR iridium) AND (silver OR Ag))	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:48
S3	9851	(particulate WITH combustion)	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:48
S4	2642	(502/304;502/308;502/326;502/347).ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:48
S5	9	(S4 and S2 and S3)	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:48
S6	13404	((particulate OR soot) WITH combustion)	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:49
S7	12	(S4 and S2 and S6)	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:53
S8	159	(S2 and S4)	US-PGPUB; USPAT	ADJ	ON	2008/11/17 13:53
S9	2587	((ceria WITH zirconia) OR (ceria WITH praseodymia) OR ceria-zirconia OR ceria-praseodymia OR Ce-Zr OR Ce-Pr) AND ((Ru OR ruthenium) AND (Ir OR iridium) AND (silver OR Ag))	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:18
S10	2646	(502/304;502/308;502/326;502/347).ccls.	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:18
S11	160	S9 and S10	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:18
S12	520	(((ceria WITH zirconia) OR (ceria WITH praseodymia) OR ceria-zirconia OR ceria-praseodymia OR Ce-Zr OR Ce-Pr) SAME support\$3) AND ((Ru OR ruthenium) AND (Ir OR iridium) AND (silver OR Ag))	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:19
S13	294	S12 and combustion	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:19
S14	83	S13 and (solid NEAR3 solution)	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:27

S15	1	"5898014".pn.	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:36
S16	1	"6455182".pn.	US-PGPUB; USPAT	ADJ	ON	2008/11/20 18:57
S17	26	("3825501"   "4021366"   "4170573"   "4308176"   "4835132"   "5039503"   "5073532"   "5464606"   "5830425"   "5990040"   "6033634"   "6040265"   "6120925").PN. OR ("6455182").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/20 19:09
S18	2	S12 AND toyota.as.	US-PGPUB; USPAT	ADJ	ON	2008/11/20 19:13
S19	520	(((ceria WITH zirconia) OR (ceria WITH praseodymia) OR ceria-zirconia OR ceria-praseodymia OR Ce-Zr OR Ce-Pr) SAME support\$3) AND ((Ru OR ruthenium) AND (Ir OR iridium) AND (silver OR Ag))	US-PGPUB; USPAT	ADJ	ON	2008/11/21 17:48
S20	2646	(502/304;502/308;502/326;502/347).cls.	US-PGPUB; USPAT	ADJ	ON	2008/11/21 17:48
S21	90	S19 and S20	US-PGPUB; USPAT	ADJ	ON	2008/11/21 17:48
S22	1	"4426320".pn.	US-PGPUB; USPAT	ADJ	ON	2008/11/21 18:43
S23	2	("4510265" OR "5100632").pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/21 19:09
S24	44	("4183829"   "4426320"   "4965243").PN. OR ("5100632").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/21 19:10
S25	4	S24 and iridium AND silver	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/21 19:10
S26	6	S24 and (iridium OR Ir) AND (Ag OR silver)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/21 19:14
S27	7	S19 and (catalyzed filter)	US-PGPUB; USPAT	ADJ	ON	2008/11/21 19:15
S28	6	S27 and metal\$3 honeycomb	US-PGPUB; USPAT	ADJ	ON	2008/11/21 19:16
S29	738	(((ceria WITH zirconia) OR (ceria WITH praseodymia) OR ceria-zirconia OR ceria-praseodymia OR Ce-Zr OR Ce-Pr) SAME (support\$3 OR carrier OR substrate)) AND ((Ru OR ruthenium) AND (Ir OR iridium) AND (silver OR Ag))	US-PGPUB; USPAT	ADJ	ON	2008/11/26 14:38
S30	13444	((particulate OR soot) WITH combustion)	US-PGPUB; USPAT	ADJ	ON	2008/11/26 14:43

S31	57	S29 and S30	US-PGPUB; USPAT	ADJ	ON	2008/11/26 14:43
S32	1	((ceria-praseodymia OR Ce-Pr) SAME (support\$3 OR carrier OR substrate)) AND ((Ru OR ruthenium) AND (Ir OR iridium) AND (silver OR Ag))	US-PGPUB; USPAT	ADJ	ON	2009/06/02 13:52
S33	9	((ceria-praseodymia OR Ce-Pr) SAME (support\$3 OR carrier OR substrate))	US-PGPUB; USPAT	ADJ	ON	2009/06/02 14:00
S34	2	"03196841"	JPO; DERWENT	ADJ	ON	2009/06/02 15:59
S35	2775	(502/304;502/308;502/326;502/347).ccls.	US-PGPUB; USPAT	ADJ	ON	2009/06/02 16:11
S36	1259	((ceria) SAME (support\$3 OR carrier OR substrate)) AND ((Ru OR ruthenium) AND (Ir OR iridium) AND (silver OR Ag))	US-PGPUB; USPAT	ADJ	ON	2009/06/04 11:34
S37	235	S36 and ("502".clas.) AND (TWC OR combustion)	US-PGPUB; USPAT	ADJ	ON	2009/06/04 11:34
S38	2	("4727052" OR "4708946").pn.	US-PGPUB; USPAT	ADJ	ON	2009/06/04 11:44
S41	2919	(502/304;502/308;502/326;502/347).ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/19 02:34
S42	8381	(Ce WITH Pr WITH La)	US-PGPUB; USPAT	ADJ	ON	2009/12/19 03:58
S43	2919	(502/304;502/308;502/326;502/347).ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/19 03:58
S44	193	S42 and S43	US-PGPUB; USPAT	ADJ	ON	2009/12/19 03:58
S45	120	S44 and combustion	US-PGPUB; USPAT	ADJ	ON	2009/12/19 03:58
S46	83	S45 and (Ru OR ruthenium OR Ir OR iridium)	US-PGPUB; USPAT	ADJ	ON	2009/12/19 03:59
S47	1	"5000929".pn.	US-PGPUB; USPAT	ADJ	ON	2009/12/19 09:34
S48	8381	(Ce WITH Pr WITH La)	US-PGPUB; USPAT	ADJ	ON	2009/12/19 18:31
S49	2919	(502/304;502/308;502/326;502/347).ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/19 18:31
S50	193	S48 and S49	US-PGPUB; USPAT	ADJ	ON	2009/12/19 18:31

S51	134	S50 and (Ru OR ruthenium OR Ir OR iridium)	US-PGPUB; USPAT	ADJ	ON	2009/12/19 18:31
S53	2	((SHUNJI) near2 (KIKUHARA)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/12/19 18:31
S54	66	((TAKESHI) near2 (YAMASHITA)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/12/19 18:31
S55	8	((HITOSHI) near2 (KUBO)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/12/19 18:32
S56	1	((KAZUTO) near2 (ITAYA)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/12/19 18:32
S57	68	((MASAHIRO) near2 (SASAKI)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/12/19 18:32
S58	140	(S53 or S54 or S55 or S56 or S57)	US-PGPUB; USPAT	ADJ	ON	2009/12/19 18:33
S59	3402	(502/302;502/503;502/304;502/308;502/326;502/347).ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/19 19:05
S60	272	S48 and S59	US-PGPUB; USPAT	ADJ	ON	2009/12/19 19:05
S61	185	S60 and (Ru OR ruthenium OR Ir OR iridium)	US-PGPUB; USPAT	ADJ	ON	2009/12/19 19:06
S62	442	((Ce OR cerium) AND (Praseodymium OR Pr) AND (lanthanum OR La) AND oxide AND support).clm.	US-PGPUB; USPAT	ADJ	ON	2010/06/16 10:19
S63	195	S62 and "502".clas.	US-PGPUB; USPAT	ADJ	ON	2010/06/16 10:20
S64	122	S63 and combustion	US-PGPUB; USPAT	ADJ	ON	2010/06/16 10:20
S65	22	rare earth oxide (support OR carrier)	US-PGPUB; USPAT	ADJ	ON	2010/06/16 10:22
S66	1	"5137862".pn.	US-PGPUB; USPAT	ADJ	ON	2010/06/18 17:47
S67	16	("4780449"   "4940685"   "5010052").PN. OR ("5137862").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/18 18:00
S68	57082	(Ru OR ruthenium) AND (Ir OR iridium)	US-PGPUB; USPAT	ADJ	ON	2010/06/20 13:38
S69	5621	S68 and "502".clas.	US-PGPUB; USPAT	ADJ	ON	2010/06/20 13:44

S70	1468	S69 and combustion	US-PGPUB; USPAT	ADJ	ON	2010/06/20 13:44
S71	1178	S70 and oxidation	US-PGPUB; USPAT	ADJ	ON	2010/06/20 13:44
S72	8837	(Ce WITH Pr WITH La)	US-PGPUB; USPAT	ADJ	ON	2010/06/20 13:48
S73	123	S70 and S72	US-PGPUB; USPAT	ADJ	ON	2010/06/20 13:48
S74	3560	(502/302;502/503;502/304;502/308;502/326;502/347).ccls.	US-PGPUB; USPAT	ADJ	ON	2010/06/20 13:55
S75	366	S71 and S74	US-PGPUB; USPAT	ADJ	ON	2010/06/20 13:55
S76	21	("4714694"   "5057483"   "5075276"   "5212142"   "5248650"   "5556825"). PN. OR ("6107240").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/20 17:18

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3672	(502/302;502/503;502/304;502/308;502/326;502/347).ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/09/29 02:25
L2	1538	60/299.cccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/09/29 02:33
L3	153	((SHUNJI) near2 (KIKUHARA)).INV. OR ((TAKESHI) near2 (YAMASHITA)).INV. OR ((HITOSHI) near2 (KUBO)).INV. OR ((MASAHIRO) near2 (SASAKI)).INV. OR ((KAZUTO) near2 (ITAYA)).INV.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/09/29 02:35
L4	11	L3 and combustion	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/09/29 02:37

9/29/2010 3:30:50 AM

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